

MICHAEL MILIC

Software Developer

@ mikemilic98@gmail.com

778-229-6392

www.michael-milic.ca

in michaelmilic

mikemilic98

EXPERIENCE

DevOps Intern

Department of National Defence

May 2020 – Ongoing Canada

- Assembled, configured, and programmed ethernet and serial network for more efficient and organized communication (Python, Networking)
- Deployed log files to Elastic server and visualized using Kibana (ELK, Python, Networking, Docker)
- Communicate with team and participated in code reviews (Gitlab, Python, Git)

Web Developer

Comboosters

June 2020 – Present Vancouver BC, Canada

- Designed the sign up page where users can be added, verified, authorized, and payments can be processed (React, Firebase, Stripe, Flask, Python, Javascript, Git, Bitbucket)

Embedded Software Developer

Advanced Intelligent Systems

Jan 2020 – Sept 2020 Burnaby, Canada

- Responsible for creating wireless Zigbee network to monitor the robot's battery level (wireless networks, Python, ROS, Zigbee)
- Given the responsibility of managing the AIS's entire microcontroller repository (Jira, Confluence, Git, Bitbucket)
- Opportunity to work in a start up work environment, learned to adapt quickly and prioritize

PROJECTS

Smart Traffic LiDar

5G Hackathon

April 2020 Vancouver Canada

- Using LiDar data and keeping in mind benefits of 5G networks, an algorithm was developed to predict traffic light timing based off pedestrian and traffic density (Python, Pandas). Web App was also built to visualize the algorithm (Typescript).

BEAR UBC Engineering Team

FSR Sub Team Lead

Jan 2019– Nov 2019 Vancouver Canada

- Developed a machine learning classifier identify objects with sensor data in real time (Python, Pandas, TensorFlow, Arduino).

SKILLS



Languages

Python C JavaScript C++



Software Tools

Docker GIT Linux JIRA
ELK Confluence BitBucket



Frameworks and Libraries

React Pandas Flask
Tensorflow Stripe

EDUCATION

Bachelors of Electrical and Computer Engineering

University of British Columbia

Sept 2016 – May 2021

Challenging program with a variety of technical courses centered around existing and emerging technologies. Includes software, firmware, hardware, power electronics, algorithms and data structures, networking, and web development.

AWARDS

Schulich Leader Nominee–2015

Canada Games Triathlon Medalist–2017

UBC Athletics Scholarship–2016,2017,2018

HOBBIES



Sports

Cycling, Running, Swimming, and Triathlon



Games

Call of Duty, Catan